

ABSTRACT

A wire guide includes a mandrel that has a proximal portion and a distal portion. A first coating with a low coefficient of friction is disposed on the proximal portion of the mandrel. A second coating is disposed on the distal portion of the mandrel, where the second coating provides a sub-structure. A third coating is disposed on the second coating, where the third coating comprises a surface that allows for easy maneuverability of the wire guide. The first coating on the proximal portion provides enough lubricity to keep the wire guide from becoming bound or stuck in a catheter or medical device while still allowing a user to have a good grip of the wire guide. The second coating on the distal portion provides lubricity for the wire guide, which allows the user to easily maneuver the wire guide through a vascular anatomy.